

AUTHOR INDEX OF VOLUME 76*

- Adamík, V., see Matejovič, P. (2) 135–156
- Auerbach, T. and J. Mennig, 3-Point Hermite integration of differential equations (1) 1–15
- Bellamy-Knight, P.G., M.G. Benson, J.H. Gerrard and I. Gladwell, Convergence properties of panel methods (2) 171–178
- Belytschko, T. and J. Fish, Embedded hinge lines for plate elements (1) 67–86
- Benkhaldoun, F. and B. Larroutuou, A finite element adaptive investigation of curved stable and unstable flame front (2) 119–134
- Benson, M.G., see Bellamy-Knight, P.G. (2) 171–178
- Beris, A.N., see Liu, B. (2) 179–204
- Bossavit, A., Simplicial finite elements for scattering problems in electromagnetism (3) 299–316
- Eisenberger, M., On exact solutions for beam columns on two-parameter elastic foundations (1) 95–97
- Fish, J., see Belytschko, T. (1) 67–86
- Franca, L.P., Analysis and finite element approximation of compressible and incompressible linear isotropic elasticity based upon a variational principle (3) 259–273
- Gerrard, J.H., see Bellamy-Knight, P.G. (2) 171–178
- Givoli, D. and J.B. Keller, A finite element method for large domains (1) 41–66
- Gladwell, I., see Bellamy-Knight, P.G. (2) 171–178
- Golley, B.W. and W.A. Grice, Prismatic folded plate analysis using finite strip-elements (2) 101–118
- Grice, W.A., see Golley, B.W. (2) 101–118
- Guran, A. and F.P.J. Rimrott, Application of funicular polygon method to inelastic buckling analysis of plates (2) 157–170
- Hassan, O., K. Morgan and J. Peraire, An implicit/explicit scheme for compressible viscous high speed flows (3) 245–258
- Hoff, C., T.J.R. Hughes, G. Hulbert and P.J. Pahl, Extended comparison of the Hilber–Hughes–Taylor α -method and the Θ_1 -method (1) 87–93
- Hughes, T.J.R., see Hoff, C. (1) 87–93
- Hulbert, G., see Hoff, C. (1) 87–93

* The issue number is given in front of the page numbers.

- Jonker, J.B.**, A finite element dynamic analysis of spatial mechanisms with flexible links (1) 17– 40
- Keller, J.B.**, see Givoli, D. (1) 41– 66
- Larrouturou, B.**, see Benkhaldoun, F. (2) 119– 134
- Liu, B.** and **Beris, A.N.**, The stability of numerical approximations to nonlinear hyperbolic equations (2) 179– 204
- Matejovič, P.** and **V. Adamík**, A diffusion equation with hourglass control in an axisymmetric geometry (2) 135– 156
- Mennig, J.**, see **Auerbach, T.** (1) 1– 15
- Morgan, K.**, see **Hassan, O.** (3) 245– 258
- Olson, M.**, see **Vu-Quoc, L.** (3) 207– 244
- Pahl, P.J.**, see **Hoff, C.** (1) 87– 93
- Peraire, J.**, see **Hassan, O.** (3) 245– 258
- Pruett, C.D.**, A fast algorithm for simulation of a spatially-evolving, two-dimensional planar mixing layer (3) 275– 298
- Rimrott, F.P.J.**, see **Guran, A.** (2) 157– 170
- Vu-Quoc, L.** and **M. Olson**, A computational procedure for interaction of high-speed vehicles on flexible structures without assuming known vehicle nominal motion (3) 207– 244

SUBJECT INDEX OF VOLUME 76*

Boundary element methods

- A finite element method for large domains, D. Givoli and J.B. Keller (1) 41– 66

Boundary layers

- A fast algorithm for simulation of a spatially-evolving, two-dimensional planar mixing layer, C.D. Pruett (3) 275–298

Dynamics

- A finite element dynamic analysis of spatial mechanisms with flexible links, J.B. Jonker (1) 17– 40

- Extended comparison of the Hilber–Hughes–Taylor α -method and the θ_1 -method, C. Hoff, T.J.R. Hughes, G. Hulbert and P.J. Pahl (1) 87– 93

- A computational procedure for interaction of high-speed vehicles on flexible structures without assuming known vehicle nominal motion, L. Vu-Quoc and M. Olson (3) 207–244

Elasticity

- A finite element method for large domains, D. Givoli and J.B. Keller (1) 41– 66

- On exact solutions for beam columns on two-parameter elastic foundations, M. Eisenberger (1) 95– 97

- Prismatic folded plate analysis using finite strip-elements, B.W. Golley and W.A. Grice (2) 101–118

- Analysis and finite element approximation of compressible and incompressible linear isotropic elasticity based upon a variational principle, L.P. Franca (3) 259–273

Electromagnetic fields

- Simplicial finite elements for scattering problems in electromagnetism, A. Bossavit (3) 299–316

* The issue number is given in front of the page numbers.

Finite difference methods

- Extended comparison of the Hilber–Hughes–Taylor α -method and the Θ_1 -method, C. Hoff, T.J.R. Hughes, G. Hulbert and P.J. Pahl (1) 87–93
 Application of funicular polygon method to inelastic buckling analysis of plates, A. Guran and F.P.J. Rimrott (2) 157–170

Finite element and matrix methods

- A finite element dynamic analysis of spatial mechanisms with flexible links, J.B. Jonker (1) 17–40
 A finite element method for large domains, D. Givoli and J.B. Keller (1) 41–66
 Embedded hinge lines for plate elements, T. Belytschko and J. Fish (1) 67–86
 Extended comparison of the Hilber–Hughes–Taylor α -method and the Θ_1 -method, C. Hoff, T.J.R. Hughes, G. Hulbert and P.J. Pahl (1) 87–93
 Prismatic folded plate analysis using finite strip-elements, B.W. Golley and W.A. Grice (2) 101–118
 A finite element adaptive investigation of curved stable and unstable flame front, F. Benkhaldoun and B. Larrouтуrou (2) 119–134
 A diffusion equation with hourglass control in an axisymmetric geometry, P. Matejovič and V. Adamík (2) 135–156
 The stability of numerical approximations to non-linear hyperbolic equations, B. Liu and A.N. Beris (2) 179–204
 An implicit/explicit scheme for compressible viscous high speed flows, O. Hassan, K. Morgan and J. Peraire (3) 245–258
 Analysis and finite element approximation of compressible and incompressible linear isotropic elasticity based upon a variational principle, L.P. Franca (3) 259–273
 Simplicial finite elements for scattering problems in electromagnetism, A. Bossavit (3) 299–316

Fluid mechanics

- Convergence properties of panel methods, P.G. Bellamy-Knights, M.G. Benson, J.H. Gerrard and I. Gladwell (2) 171–178
 An implicit/explicit scheme for compressible viscous high speed flows, O. Hassan, K. Morgan and J. Peraire (3) 245–258

Gas dynamics

- An implicit/explicit scheme for compressible viscous high speed flows, O. Hassan, K. Morgan and J. Peraire (3) 245–258

Incompressible and near incompressible media

- Convergence properties of panel methods, P.G. Bellamy-Knights, M.G. Benson, J.H. Gerrard and I. Gladwell (2) 171–178

- Analysis and finite element approximation of compressible and incompressible linear isotropic elasticity based upon a variational principle, L.P. Franca (3) 259–273
- Heat and diffusion*
- A diffusion equation with hourglass control in an axisymmetric geometry, P. Matejovič and V. Adamík (2) 135–156
- Nonlinear mechanics*
- A finite element dynamic analysis of spatial mechanisms with flexible links, J.B. Jonker (1) 17–40
- Embedded hinge lines for plate elements, T. Belytschko and J. Fish (1) 67–86
- Numerical solution procedures*
- Embedded hinge lines for plate elements, T. Belytschko and J. Fish (1) 67–86
- Extended comparison of the Hilber–Hughes–Taylor α -method and the Θ_1 -method, C. Hoff, T.J.R. Hughes, G. Hulbert and P.J. Pahl (1) 87–93
- The stability of numerical approximations to non-linear hyperbolic equations, B. Liu and A.N. Beris (2) 179–204
- Plasticity*
- Application of funicular polygon method to inelastic buckling analysis of plates, A. Guran and F.P.J. Rimrott (2) 157–170
- Shells and plates*
- Prismatic folded plate analysis using finite strip-elements, B.W. Golley and W.A. Grice (2) 101–118
- Application of funicular polygon method to inelastic buckling analysis of plates, A. Guran and F.P.J. Rimrott (2) 157–170
- Singularity methods*
- Convergence properties of panel methods, P.G. Bellamy-Knights, M.G. Benson, J.H. Gerrard and I. Gladwell (2) 171–178
- Solutions of differential equations*
- 3-Point Hermite integration of differential equations, T. Auerbach and J. Mennig (1) 1–15
- A computational procedure for interaction of high-speed vehicles on flexible structures without assuming known vehicle nominal motion, L. Vu-Quoc and M. Olson (3) 207–244

Solutions of ordinary and partial differential equations

- A finite element method for large domains, D. Givoli and J.B. Keller (1) 41 – 66
Extended comparison of the Hilber–Hughes–Taylor α -method and the θ_1 -method, C. Hoff, T.J.R. Hughes, G. Hulbert and P.J. Pahl (1) 87 – 93

Stability in structural mechanics

- Application of funicular polygon method to inelastic buckling analysis of plates, A. Gurcan and F.P.J. Rimrott (2) 157 – 170

Structural mechanics

- On exact solutions for beam columns on two-parameter elastic foundations, M. Eisenberger (1) 95 – 97

Supersonic flow

- An implicit/explicit scheme for compressible viscous high speed flows, O. Hassan, K. Morgan and J. Peraire (3) 245 – 258

Viscous flow

- A fast algorithm for simulation of a spatially-evolving, two-dimensional planar mixing layer, C.D. Pruett (3) 275 – 298

